

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                          | DBs                            | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------|---------|------------------|
| L1    | 46   | (calculat\$5 near5 (probability adj3 estimat\$4)) and normali\$6                                                                                                                                      | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:11 |
| L2    | 37   | ((calculat\$5 near5 (probability adj3 estimat\$4)) and normali\$6) and (conver\$5 or switch\$4)                                                                                                       | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:09 |
| L3    | 2    | ((calculat\$5 near5 (probability adj3 estimat\$4)) and normali\$6) and (conver\$5 or switch\$4) and ((MAP or iterative or recursive or turbo) near3 decod\$5)                                         | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:10 |
| L4    | 4    | ((calculat\$5 same (probability adj3 estimat\$4)) and normali\$6) and (conver\$5 or switch\$4) and ((MAP or iterative or recursive or turbo) near3 decod\$5)                                          | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:11 |
| L5    | 112  | (calculat\$5 same (probability adj3 estimat\$4)) and normali\$6                                                                                                                                       | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:12 |
| L6    | 5    | (calculat\$5 same (probability adj3 estimat\$4)) and normali\$6 and unnormali\$4                                                                                                                      | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:12 |
| L7    | 7    | (calculat\$5 same (probability adj3 estimat\$4)) and normali\$6 and (unnormali\$4 or non-normali\$4 or (non adj1 normali\$5))                                                                         | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:13 |
| L8    | 5    | (calculat\$5 same (probability adj3 estimat\$4)) and normali\$6 and (unnormali\$4 or non-normali\$4 or (non adj1 normali\$5)) and (switch\$4 or conver\$4)                                            | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:13 |
| L9    | 37   | (probability adj3 estimat\$4) and normali\$6 and (unnormali\$4 or non-normali\$4 or (non adj1 normali\$5)) and (switch\$4 or conver\$4)                                                               | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:14 |
| L10   | 2    | (probability adj3 estimat\$4) and normali\$6 and (unnormali\$4 or non-normali\$4 or (non adj1 normali\$5)) and (switch\$4 or conver\$4) and ((MAP or iterative or recursive or turbo) near2 decod\$3) | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:19 |
| L12   | 61   | ito-noriyoshi.in.                                                                                                                                                                                     | USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 11:21 |

## EAST Search History

|     |    |                                                                                                                                                                                                                      |                                                                   |    |     |                  |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| L13 | 54 | katsuragawa-hiroshi.in.                                                                                                                                                                                              | USPAT;<br>EPO; JPO;<br>DERWENT                                    | OR | OFF | 2006/05/25 11:19 |
| L14 | 3  | (probability adj3 estimat\$4) and<br>normali\$6 and (unnormali\$4 or<br>non-normali\$4 or (non adj1<br>normali\$5)) and (switch\$4 or<br>conver\$4) and ((MAP or iterative or<br>recursive or turbo) near2 decod\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/25 11:19 |
| L17 | 1  | ting-yu-jing.in.                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/25 11:20 |



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## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Iterative channel estimation and decoding of pilot symbol assisted turbo fading channels**  
Valenti, M.C.; Woerner, B.D.;  
[Selected Areas in Communications, IEEE Journal on](#)  
Volume 19, Issue 9, Sept. 2001 Page(s):1697 - 1705  
Digital Object Identifier 10.1109/49.947034  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(200 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ 2. **Iterative channel estimation for turbo equalization over MIMO double selective channels**  
Huiheng Mai; Burr, A.G.;  
[Vehicular Technology Conference, 2004. VTC2004-Fall, 2004 IEEE 60th](#)  
Volume 2, 26-29 Sept. 2004 Page(s):1478 - 1482 Vol. 2  
Digital Object Identifier 10.1109/VETECF.2004.1400269  
[AbstractPlus](#) | Full Text: [PDF\(1917 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 3. **Iterative channel estimation for turbo equalization**  
Huiheng Mai; Burr, A.G.; Hirst, S.;  
[Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th International Symposium on](#)  
Volume 2, 5-8 Sept. 2004 Page(s):1327 - 1331 Vol.2  
[AbstractPlus](#) | Full Text: [PDF\(411 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **On channel estimators for iterative CDMA multiuser receivers in flat Rayleigh fading channels**  
Wehinger, J.; Mecklenbrauker, C.F.; Muller, R.R.; Zemen, T.; Loncar, M.;  
[Communications, 2004 IEEE International Conference on](#)  
Volume 5, 20-24 June 2004 Page(s):2497 - 2501 Vol.5  
Digital Object Identifier 10.1109/ICC.2004.1312981  
[AbstractPlus](#) | Full Text: [PDF\(311 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 5. **Large vocabulary decoding and confidence estimation using word posteriors**  
Evermann, G.; Woodland, P.C.;  
[Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on](#)

Volume 3, 5-9 June 2000 Page(s):1655 - 1658 vol.3  
Digital Object Identifier 10.1109/ICASSP.2000.862067

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**6. A new frame-error estimation criterion for ARQ/HARQ schemes**

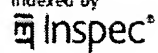
Jagath Kumara, K.D.R.;

[Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Integration. IEEE](#)

Volume 3, 8-12 Nov. 1998 Page(s):1647 - 1651 vol.3  
Digital Object Identifier 10.1109/GLOCOM.1998.776668

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